

## Project Outline

- **Duration:** 2013 ~ 2018
- **Sector:** Energy
- **Counterpart Institution:** Electricity of Mozambique (EDM)
- **Type of ODA:** Grant Aid
- **Total Cost:** 2,273 million Japanese Yen
- **Project Overview:**
  - The aim of this project is to improve reliability of power supply to Namialo Substation and installation of the new SCADA at Nampula 220 and Nampula Central Substation as strategy of the Government of Mozambique and EDM for expansion of network.



Perspective of New 110/33kV, 40MVA,  
Namialo Substation

### Development Issues / Background

- The 110kV line connecting Nampula to Nacala is very vulnerable, when fails, the power supply is interrupted from Nampula 220, to Nacala Substation and Pemba Substation.
- Increase of industrial facilities between Nampula and Nacala that will significantly increase the demand of power in the area.
- The substations were constructed 30 years ago, the equipment is deteriorated and obsolete causing power interruptions and/or blackout, which occurs once in every two days.

### Expected Impact on Energy sector & Economy

- Construction of new 110/3kV, 40MVA substation at Namialo equipped with control, protection and SCADA, new SCADA at Nampula 220 Substation and new SCADA at Nampula Central Substation.
- The electrification rate in the Namialo and Monapo area will be improved, contributing to the economic activities and improvement of the citizens' lives.